

STIC-Biotech/ChemLib

65591

**From:** STIC-ILL  
**Sent:** Monday, April 29, 2002 4:56 PM  
**To:** STIC-Biotech/ChemLib  
**Subject:** FW: litigation search for 09082247 and us patent 5547861  
**Importance:** High

-----Original Message-----

**From:** Tung, Joyce  
**Sent:** Monday, April 29, 2002 4:53 PM  
**To:** STIC-ILL  
**Subject:** litigation search for 09082247 and us patent 5547861  
**Importance:** High

Please do litigation search for SN 09/082,247 and US patent 5,547,861 Thank you.  
Joyce Tung (mail room no. 10e12) ✓

10D13 ✓  
1637 ✓

RECEIVED  
JUN 30 2002  
(STIC)

Searcher: M. Smith  
Phone: \_\_\_\_\_  
Location: \_\_\_\_\_  
Date Picked Up: 5/3/02  
Date Completed: 5/3/02  
Searcher Prep/Review: 20  
Clerical: \_\_\_\_\_  
Online time: 30

TYPE OF SEARCH:  
NA Sequences: \_\_\_\_\_  
AA Sequences: \_\_\_\_\_  
Structures: \_\_\_\_\_  
Bibliographic: \_\_\_\_\_  
Litigation: x  
Full text: \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

VENDOR/COST(where applic.)  
STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
Questel/Orbit: \_\_\_\_\_  
DRLink: \_\_\_\_\_  
Lexis/Nexis: \_\_\_\_\_  
Sequence Sys.: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other (specify): \_\_\_\_\_

TUNG

PN 5, 547,861 Page 1

?fil pluspat;5547861/pn;prt full legalall

QUESTEL - Time in minutes : 1,49  
The cost estimation below is based on Questel's  
standard price list

Estimated cost :	1.29 USD
Cost estimated for the last database search :	1.29 USD
Estimated total session cost :	1.29 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database  
New Family Legstat & LEGAL Displays; INFO MFAMSTAT & INFO NEWS-PLUSPAT  
Last database update: 2002/05/02 (YYYY/MM/DD) 2002-17/UP (basic update)

\*\* SS 1: Results 1

1/1 PLUSPAT - (C) QUESTEL-ORBIT  
PN - US5547861 A 19960820 [US5547861]  
TI - (A) Detection of nucleic acid amplification  
PA - (A) BECTON DICKINSON CO (US)  
IN - (A) NADEAU JAMES G (US); WALKER GEORGE T (US)  
AP - US22928194 19940418 [1994US-0229281]  
PR - US22928194 19940418 [1994US-0229281]  
IC - (A) C07H-021/04 C12P-019/34 C12Q-001/68 C12Q-001/70  
EC - C12Q-001/68B2  
- C12Q-001/68D  
ICO - M12Q-220/114  
- M12Q-220/114X22  
- M12Q-240/114B  
- M12Q-240/216  
PCL - ORIGINAL (O) : 435091200; CROSS-REFERENCE (X) : 435005000 435006000  
536024300  
DT - Corresponding document  
CT - US5126239; US5210015; US5348853; EP0420260; WO9006374; WO9202638;  
WO9201812; WO9211390  
- Walker et al., Strand displacement amplification--an isothermal in  
vitro DNA amplification technique, NAR 20: 1691-1696, 1992\*.  
  
WO9201812--Uhlen et al. Competitive PCR for quantitations of DNA, pp.  
1-19, pub. Feb. 6, 1992\*.  
  
G. T. Walker, et al. "Isothermal in vitro amplification of DNA by a  
restriction enzyme/DNA polymerase system" Proc. Natl. Acad. Sci. USA  
89, 392-396 (1992).  
  
C. P. H. Vary "Triple-Helical Capture Assay for Quantification of  
Polymerase Chain Reaction Products" Clin. Chem. 38, 687-694 (1992).  
  
J. Wahlberg, et al. "General colorimetric method for DNA diagnostics  
allowing direct solid-phase genomic sequencing of the positive

samples" Proc. Natl. Acad. Sci. USA 87, 6569-6573 (1990).

D. J. Kemp, et al. "Colorimetric detection of specific DNA segments amplified by polymerase chain reactions" Proc. Natl. Acad. Sci. USA 86, 2423-2427 (1989).

F. F. Chehab, et al. "Detection of specific DNA sequences by fluorescence amplification: A color complimentation assay" Proc. Natl. Acad. Sci. USA 86, 9178-9182 (1989).

A. C. Syvanen, et al. "Quantification of polymerase chain reaction products by affinity-based hybrid collection" Nucl. Acids Res. 16, 11327-11338 (1988).

A. Chan, et al. "Quantification of Polymerase Chain Reaction Products in Agarose Gels with a Fluorescent Europium Chelate as Label and Time-Resolved Fluorescence Spectroscopy" Anal. Chem. 65, 158-163 (1993).

C. R. Newton, et al. "The production of PCR products with 5' single-stranded tails using primers that incorporate novel phosphoramidite intermediates" Nucl. Acids. Res. 21, 1155-1162 (1993).

P. M. Holland, et al. "Detection of specific polymerase chain reaction product by utilizing the 5'-3' exonuclease activity of *Thermus aquaticus* DNA polymerase" Proc. Natl. Acad. Sci. USA 88, 7276-7280 (1991).

P. M. Holland, et al. "Detection of specific polymerase chain reaction product by utilizing the 5'-3' exonuclease activity of *Thermus aquaticus* DNA polymerase" Clin. Chem. 38, 462-463 (1992).

STG - (A) United States patent

AB - Methods for detecting, immobilizing or localizing primer extension products of a Strand Displacement Amplification reaction which are coupled to, and an indication of, amplification of the target sequence. The primer extension products are secondary, target-specific DNA products generated concurrently with SDA of the target sequence and can therefore be used to detect and/or measure target sequence amplification in real-time. In general, the secondary amplification products are not amplifiable and remain inert in the SDA reaction after they are formed without interfering with amplification of the target sequence. The secondary amplification products may be designed or modified to contain special features to facilitate their detection, immobilization or localization.

1/1 LGST - (C) LEGSTAT

PN - US 5547861 [US5547861]

AP - US 229281/94 19940418 [1994US-0229281]

DT - US-P

ACT - 19940418 US/AE-A

APPLICATION DATA (PATENT)

{US 229281/94 19940418 [1994US-0229281]}

- 19940418 US/AS02

## ASSIGNMENT OF ASSIGNOR'S INTEREST

BECTON, DICKINSON AND COMPANY PATENT AND LICENSING DEPARTMENT 1 BECTON  
DRIVE FRA \* NADEAU, JAMES G. : 19940413; WALKER, GEORGE TERRANCE :  
19940413

- 19960820 US/A

PATENT

- 19980818 US/RF

REISSUE APPLICATION FILED

980520

- 19980922 US/RF

REISSUE APPLICATION FILED

980520

UP - 1999-21

1/1 CRXX - (C) CLAIMS/RRX

PN - 5,547,861 A 19960820 [US5547861]

PA - Becton Dickinson & Co

ACT - 19980520 REISSUE REQUESTED

Issue Date of O.G.: 19980922

Reissue Request Number: 09/082247

Examination Group responsible for Reissue process: 1635

1/2 PAST - (C) Thomson Derwent

AN - 199838-001288

PN - 5547861 A [US5547861]

OG - 1998-09-22

ACT - REISSUE APPLICATION FILED

2/2 PAST - (C) Thomson Derwent

AN - 199833-001001

PN - 5547861 A [US5547861]

OG - 1998-08-18

ACT - REISSUE APPLICATION FILED

Search statement 2

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### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSSS? *****
Welcome to DIALOG
### Status: Connected
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Dialog level 02.03.27D

Last logoff: 03may02 07:33:08  
Logon file415 03may02 11:07:26

\*

\*

File 415:DIALOG Bluesheets(TM) 2002/May 03  
(c) 2002 The Dialog Corporation

Set	Items	Description
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Cost is in DialUnits		
?b345;s pn=us 5547861;t1/29/1		
		03may02 11:08:45 User259289 Session D272.1
		\$0.00 0.079 DialUnits File415
		\$0.00 Estimated cost File415
		\$0.43 TELNET
		\$0.43 Estimated cost this search
		\$0.43 Estimated total session cost 0.079 DialUnits

File 345:Inpadoc/Fam.& Legal Stat 1968-2002/UD=200216  
(c) 2002 EPO

Set	Items	Description
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S1	1	PN=US 5547861

1/29/1

DIALOG(R) File 345:Inpadoc/Fam.& Legal Stat  
(c) 2002 EPO. All rts. reserv.

Dialog File: Inpadoc/Fam.& Legal Stat\_1968-2002/UD=200216  
Acc no: 16673879  
Latest Legal Status Added: 200213  
BRAZIL (BR)

LEGAL STATUS (NO,TYPE,DATE,CODE,TEXT):

BR 9501582	P	20020226	BR FB34	GRANT PROCEDURE SUSPENDED
			ART.34 OF LPI	(EXIGENCIA ART. 34 DA LPI)
BR 9501583	P	20020226	BR FB34	GRANT PROCEDURE SUSPENDED
			ART.34 OF LPI	(EXIGENCIA ART. 34 DA LPI)

Basic Patent (No,Kind,Date): CA 2145576 AA 19951019  
<No. of Patents: 026> <No. of Patents: 026>

DETECTION OF NUCLEIC ACID AMPLIFICATION (English; French)  
 NACHWEIS VON NUKLEINSAEURE-AMPLIFIKATION MITTELS FLUORESZENZ-POLARISATION  
 DETECTION OF NUCLEIC ACID AMPLIFICATION  
 PROCESSO PARA DETECTAR AMPLIACAO DE UMA SEQUENCIA ALVO DE ACIDOS NUCLEICOS  
 BI-HELICOIDAIS EM UMA REACAO DE AMPLIACAO POR DESLOCAMENTO DE CADEIA  
 HELICOIDAL (SDA)  
 PROCESSO PARA GERAR SIMULTANEAMENTE UM PRODUTO SECUNDARIO DE AMPLICACAO E  
 UM PRODUTO DE AMPLICACAO EM UMA REACAO DE AMPLICACAO POR DESLOCMAENTO  
 DA CADEIA HELICOIDAL (SDA)  
 FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION.  
 DETECTION OF NUCLEIC ACID AMPLIFICATION.  
 FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION  
 DETECCION DE LA AMPLIFICACION DE ACIDO NUCLEICO MEDIANTE POLARIZACION POR  
 FLUORESCENCIA.  
 FLUORESCENT POLARIZATION DETECTING METHOD OF NUCLEIC ACID AMPLIFICATION  
 FLUORERSCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLICATION  
 Patent Assignee: BECTON DICKINSON CO (US)  
 Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US)  
 Priority (No,Kind,Date): US 229281 A 19940418  
 Applic (No,Kind,Date): CA 2145576 A 19950328  
 IPC: \*C12Q-001/70; C12Q-001/68; C12N-015/10; C12P-019/34  
 Language of Document: English  
 Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
AT 197071	E	20001115	EP 95104930	A	19950403
AU 9515019	A1	19960418	AU 9515019	A	19950323
AU 9515023	A1	19951026	AU 9515023	A	19950323
AU 685903	B2	19980129	AU 9515023	A	19950323
AU 705637	B2	19990527	AU 9515019	A	19950323
BR 9501582	A	19970916	BR 95U1582	A	19950413
BR 9501583	A	19951114	BR 95U1583	A	19950413
CA 2145576	AA	19951019	CA 2145576	A	19950328 (BASIC)
CA 2145719	AA	19951019	CA 2145719	A	19950328
CA 2145576	C	19980630	CA 2145576	A	19950328
CA 2145719	C	19980630	CA 2145719	A	19950328
DE 69519122	C0	20001123	DE 69519122	A	19950403
DE 69519122	T2	20010322	DE 69519122	A	19950403
EP 678581	A1	19951025	EP 95104930	A	19950403
EP 678582	A1	19951025	EP 95104931	A	19950403
EP 678581	B1	20001018	EP 95104930	A	19950403
ES 2152995	T3	20010216	ES 95104930	EP	19950403
JP 7289299	A2	19951107	JP 9592397	A	19950418
JP 8038199	A2	19960213	JP 9592404	A	19950418
JP 2674737	B2	19971112	JP 9592397	A	19950418
JP 2757979	B2	19980525	JP 9592404	A	19950418
KR 145908	B1	19980801	KR 959040	A	19950418
SG 3000350	A1	19960601	SG 9500274	A	19950418
SG 3400216	A1	19961206	SG 9500275	A	19950418
US 5547861	A	19960820	US 229281	A	19940418
US 5593867	A	19970114	US 311474	A	19940923

AUSTRIA (AT)

Patent (No,Kind,Date): AT 197071 E 20001115

NACHWEIS VON NUKLEINSAEURE-AMPLIFIKATION MITTELS FLUORESZENZ-POLARISATI  
 ON (German)

Patent Assignee: BECTON DICKINSON CO (US)

Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
 (US); LINN CARL PRESTON (US)

Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
 19940923

Applic (No,Kind,Date): EP 95104930 A 19950403

Addnl Info: 678581 20001018

IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099; C 95-360100  
 Language of Document: German

## AUSTRIA (AT)

Legal Status (No,Type,Date,Code,Text):

AT 197071 R 20001115 AT REF CORRESPONDS TO EP-PATENT  
 (ENTSPRICHT EP-PATENT)  
 EP 678581 P 20001018  
 AT 197071 R 20010315 AT UEP PUBLICATION OF TRANSLATION  
 OF EUROPEAN PATENT SPECIFICATION  
 (UEBERSETZUNG DER EUROPÄISCHEN PATENTSCHRIFT  
 AUSGEGEBEN)

## AUSTRALIA (AU)

Patent (No,Kind,Date): AU 9515019 A1 19960418  
 DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
 Patent Assignee: BECTON DICKINSON CO  
 Author (Inventor): NADEAU JAMES G; WALKER GEORGE TERRANCE  
 Priority (No,Kind,Date): US 311474 A 19940923  
 Applic (No,Kind,Date): AU 9515019 A 19950323  
 IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(07)078682X  
 Derwent WPI Acc No: \* C 95-360099  
 Language of Document: English  
 Patent (No,Kind,Date): AU 9515023 A1 19951026  
 DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
 Patent Assignee: BECTON DICKINSON CO  
 Author (Inventor): NADEAU JAMES G; WALKER GEORGE TERRANCE  
 Priority (No,Kind,Date): US 229281 A 19940418  
 Applic (No,Kind,Date): AU 9515023 A 19950323  
 IPC: \* C12Q-001/68  
 Language of Document: English  
 Patent (No,Kind,Date): AU 685903 B2 19980129  
 DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
 Patent Assignee: BECTON DICKINSON CO  
 Author (Inventor): NADEAU JAMES G; WALKER GEORGE TERRANCE  
 Priority (No,Kind,Date): US 229281 A 19940418  
 Applic (No,Kind,Date): AU 9515023 A 19950323  
 IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099; C 95-360100  
 Language of Document: English  
 Patent (No,Kind,Date): AU 705637 B2 19990527  
 DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
 Patent Assignee: BECTON DICKINSON CO  
 Author (Inventor): NADEAU JAMES G; WALKER GEORGE TERRANCE  
 Priority (No,Kind,Date): US 311474 A 19940923  
 Applic (No,Kind,Date): AU 9515019 A 19950323  
 IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099  
 Language of Document: English

## BRAZIL (BR)

Patent (No,Kind,Date): BR 9501582 A 19970916  
 PROCESSO PARA GERAR SIMULTANEAMENTE UM PRODUTO SECUNDARIO DE AMPLICACAO  
 E UM PRODUTO DE AMPLICACAO EM UMA REACAO DE AMPLICACAO POR  
 DESLOCAMENTO DA CADEIA HELICOIDAL (SDA) (Portuguese)  
 Patent Assignee: BECTON DICKINSON CO (US)

Author (Inventor): NADEAU JAMES G; WALKER GEORGE TERRANCE  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): BR 95U1582 A 19950413  
IPC: \* C12P-019/34; C12Q-001/68; G01N-033/58; C07H-021/00  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Portugese  
Patent (No,Kind,Date): BR 9501583 A 19951114  
PROCESSO PARA DETECTAR AMPLIACAO DE UMA SEQUENCIA ALVO DE ACIDOS  
NUCLEICOS BI-HELICOIDAIS EM UMA REACAO DE AMPLIACAO POR DESLOCAMENTO  
DE CADEIA HELICOIDAL (SDA) (Portugese)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): WALKER GEORGE TERRANCE; NADEAU JAMES G; LINN C  
PRESTON  
Priority (No,Kind,Date): US 311474 A 19940923; US 229281 A  
19940418  
Applic (No,Kind,Date): BR 95U1583 A 19950413  
IPC: \* C12P-019/34; C12Q-001/68; G01N-033/58; C07H-021/00  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Portugese

## BRAZIL (BR)

Legal Status (No,Type,Date,Code,Text):

BR 9501582	P	20020226	BR FB34	GRANT PROCEDURE SUSPENDED
			ART.34 OF LPI	(EXIGENCIA ART. 34 DA LPI)
BR 9501583	P	20020226	BR FB34	GRANT PROCEDURE SUSPENDED
			ART.34 OF LPI	(EXIGENCIA ART. 34 DA LPI)

## CANADA (CA)

Patent (No,Kind,Date): CA 2145576 AA 19951019  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English; French)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US)  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): CA 2145576 A 19950328  
IPC: \* C12Q-001/70; C12Q-001/68; C12N-015/10; C12P-019/34  
Language of Document: English  
Patent (No,Kind,Date): CA 2145719 AA 19951019  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English; French)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US); LINN C  
PRESTON (US)  
Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
19940923  
Applic (No,Kind,Date): CA 2145719 A 19950328  
IPC: \* C12Q-001/68; C12Q-001/70  
Language of Document: English  
Patent (No,Kind,Date): CA 2145576 C 19980630  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English; French)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US)  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): CA 2145576 A 19950328  
IPC: \* C12Q-001/68; C12N-015/10; C12P-019/34  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: English  
Patent (No,Kind,Date): CA 2145719 C 19980630  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English; French)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US); LINN C



PRESTON (US)  
 Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
 19940923  
 Applic (No,Kind,Date): CA 2145719 A 19950328  
 IPC: \* C12Q-001/68; G01N-021/64  
 CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099; C 95-360100  
 Language of Document: English

## GERMANY (DE)

Patent (No,Kind,Date): DE 69519122 C0 20001123  
 NACHWEIS VON NUKLEINSAEURE-AMPLIFIKATION MITTELS  
 FLUORESZENZ-POLARISATION (German)  
 Patent Assignee: BECTON DICKINSON CO (US)  
 Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
 (US); LINN CARL PRESTON (US)  
 Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
 19940923

Applic (No,Kind,Date): DE 69519122 A 19950403  
 IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099; C 95-360100  
 Language of Document: German

Patent (No,Kind,Date): DE 69519122 T2 20010322  
 NACHWEIS VON NUKLEINSAEURE-AMPLIFIKATION MITTELS  
 FLUORESZENZ-POLARISATION (German)  
 Patent Assignee: BECTON DICKINSON CO (US)  
 Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
 (US); LINN CARL PRESTON (US)  
 Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
 19940923

Applic (No,Kind,Date): DE 69519122 A 19950403  
 IPC: \* C12Q-001/68  
 CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
 Derwent WPI Acc No: \* C 95-360099; C 95-360100  
 Language of Document: German

## GERMANY (DE)

Legal Status (No,Type,Date,Code,Text):

DE 69519122 P 20001123 DE REF CORRESPONDS TO (ENTSPRICHT)

DE 69519122 P 20010322 DE 8373 EP 678581 P 20001123  
 TRANSLATION OF PATENT  
 DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND  
 HAS BEEN PUBLISHED (UEBERSETZUNG DER  
 PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST  
 EINGEGANGEN UND VEROEFFENTLICHT WORDEN)

DE 69519122 P 20011108 DE 8364 NO OPPOSITION DURING TERM OF  
 OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE  
 DASS EINSPRUCH ERHOBEN WURDE)

## EUROPEAN PATENT OFFICE (EP)

Patent (No,Kind,Date): EP 678581 A1 19951025  
 FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION.  
 (English; French; German)  
 Patent Assignee: BECTON DICKINSON CO (US)  
 Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
 (US); LINN CARL PRESTON (US)  
 Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
 19940923  
 Applic (No,Kind,Date): EP 95104930 A 19950403

Designated States: (National) AT; BE; CH; DE; ES; FR; GB; IT; LI; NL;  
SE

IPC: \* C12Q-001/68

CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G;  
124(07)078682X

Derwent WPI Acc No: \* C 95-360099; C 95-360100; C 95-360099

Language of Document: English

Patent (No,Kind,Date): EP 678582 A1 19951025

DETECTION OF NUCLEIC ACID AMPLIFICATION. (English; French; German)

Patent Assignee: BECTON DICKINSON CO (US)

Author (Inventor): NADEAU JAMES GREGORY (US); WALKER GEORGE TERRANCE  
(US)

Priority (No,Kind,Date): US 229281 A 19940418

Applic (No,Kind,Date): EP 95104931 A 19950403

Designated States: (National) AT; BE; CH; DE; ES; FR; GB; IT; LI; NL;  
SE

IPC: \* C12Q-001/68

CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G;  
124(01)002532C

Derwent WPI Acc No: \* C 95-360099; C 95-360100; C 95-360100

Language of Document: English

Patent (No,Kind,Date): EP 678581 B1 20001018

FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION  
(English; French; German)

Patent Assignee: BECTON DICKINSON CO (US)

Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
(US); LINN CARL PRESTON (US)

Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
19940923

Applic (No,Kind,Date): EP 95104930 A 19950403

Designated States: (National) AT; BE; CH; DE; ES; FR; GB; IT; LI; NL;  
SE

IPC: \* C12Q-001/68

CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G

Derwent WPI Acc No: \* C 95-360099; C 95-360100

Language of Document: English

#### EUROPEAN PATENT OFFICE (EP)

Legal Status (No,Type,Date,Code,Text):

EP 678581	P	19940418	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 678581	P	US 229281 A 19940923	EP AA	PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 678581	P	US 311474 A 19950403	EP AE	EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 678581	P	EP 95104930 A 19951025	EP AK	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 678581	P	AT BE CH DE ES FR GB IT LI NL SE 19951025	EP A1	PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 678581	P	19960508	EP 17P	REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 960308

EP 678581 P 19990324 EP 17Q FIRST EXAMINATION REPORT  
(ERSTER PRUEFUNGSBESCHEID)  
990208

EP 678581 P 20001018 EP AK DESIGNATED CONTRACTING  
STATES MENTIONED IN A PATENT SPECIFICATION:  
(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE  
VERTRAGSSTAATEN)  
AT BE CH DE ES FR GB IT LI NL SE

EP 678581 P 20001018 EP B1 PATENT SPECIFICATION  
(PATENTSCHRIFT)

EP 678581 P 20001018 EP REF IN AUSTRIA REGISTERED AS:  
(IN AT EINGETRAGEN ALS:)  
AT 197071 R 20001115

EP 678581 P 20001031 CH EP/REG ENTRY IN THE NATIONAL PHASE  
(EINTRITT IN DIE NATIONALE PHASE)

EP 678581 P 20001031 CH EP/REG ENTRY IN THE NATIONAL PHASE  
(EINTRITT IN DIE NATIONALE PHASE)

EP 678581 P 20001106 EP ITF IT: TRANSLATION FOR A EP  
PATENT FILED (IT: DEPOSITO TRADUZIONE DI  
BREVETTO EUROPEO)  
JACOBACCI & PERANI S.P.A.

EP 678581 P 20001123 EP REF CORRESPONDS TO:  
(ENTSPRICHT)  
DE 69519122 P 20001123

EP 678581 P 20001124 EP ET FR: TRANSLATION FILED (FR:  
TRADUCTION A ETE REMISE)

EP 678581 P 20010216 ES FG2A/REG DEFINITIVE PROTECTION  
(PROTECCION DEFINITIVA)  
2152995T3

EP 678581 P 20011004 EP 26N NO OPPOSITION FILED (KEIN  
EINSPRUCH EINGELEGT)

EP 678582 P 19940418 EP AA PRIORITY (PATENT  
APPLICATION) (PRIORITAET (PATENTANMELDUNG))  
US 229281 A 19940418

EP 678582 P 19950403 EP AE EP-APPLICATION  
(EUROPAEISCHE ANMELDUNG)  
EP 95104931 A 19950403

EP 678582 P 19951025 EP AK DESIGNATED CONTRACTING  
STATES IN AN APPLICATION WITH SEARCH REPORT:  
(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)  
  
AT BE CH DE ES FR GB IT LI NL SE

EP 678582 P 19951025 EP A1 PUBLICATION OF APPLICATION  
WITH SEARCH REPORT (VEROEFFENTLICHUNG DER  
ANMELDUNG MIT RECHERCHENBERICHT)

EP 678582 P 19960508 EP 17P REQUEST FOR EXAMINATION  
FILED (PRUEFUNGSANTRAG GESTELLT)  
960308

EP 678582 P 20000524 EP 17Q FIRST EXAMINATION REPORT  
(ERSTER PRUEFUNGSBESCHEID)  
20000410

## SPAIN (ES)

Patent (No,Kind,Date): ES 2152995 T3 20010216

DETECCION DE LA AMPLIFICACION DE ACIDO NUCLEICO MEDIANTE POLARIZACION  
POR FLUORESCENCIA. (Spanish)

Patent Assignee: BECTON DICKINSON CO

Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY  
(US); LINN CARL PRESTON (US)Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
19940923

Applic (No,Kind,Date): ES 95104930 EP 19950403  
Addnl Info: 678581 EP patent valid in AT  
IPC: \* C12Q-001/68  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Spanish

## SPAIN (ES)

Legal Status (No,Type,Date,Code,Text):  
ES 2152995 P 20010216 ES FG2A DEFINITIVE PROTECTION  
(PROTECCION DEFINITIVA)  
678581

## JAPAN (JP)

Patent (No,Kind,Date): JP 7289299 A2 19951107  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
Patent Assignee: BECTON DICKINSON CO  
Author (Inventor): JIEEMUZU JII NADEYUU; JIYOOJI TERANSU UOOKAA  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): JP 9592397 A 19950418  
IPC: \* C12Q-001/68; C12N-015/09; C12R-001-32  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 8038199 A2 19960213  
FLUORESCENT POLARIZATION DETECTING METHOD OF NUCLEIC ACID AMPLIFICATION  
(English)  
Patent Assignee: BECTON DICKINSON CO  
Author (Inventor): JIEEMUZU JII NADEYUU; JIYOOJI TERANSU UOOKAA  
Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
19940923  
Applic (No,Kind,Date): JP 9592404 A 19950418  
IPC: \* C12Q-001/68; C12N-015/09  
CA Abstract No: \* 124(01)002532C; 124(07)078682X  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 2674737 B2 19971112  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): JP 9592397 A 19950418  
IPC: \* C12Q-001/68; C12N-015/09  
Language of Document: Japanese  
Patent (No,Kind,Date): JP 2757979 B2 19980525  
Patent Assignee: BECTON DICKINSON CO  
Author (Inventor): JEEMUZU JII NADEYUU; JOOJI TERANSU UOOKAA  
Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A  
19940923  
Applic (No,Kind,Date): JP 9592404 A 19950418  
IPC: \* C12Q-001/68; C12N-015/09  
Language of Document: Japanese

## KOREA, REPUBLIC (KR)

Patent (No,Kind,Date): KR 145908 B1 19980801  
FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION  
(English)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES GREGORY (US); WALKER GEORGE TERRANCE  
(US)  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): KR 959040 A 19950418  
IPC: \* C12Q-001/68; C12N-015/09  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G

Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: Korean

SINGAPORE (SG)

Patent (No,Kind,Date): SG 3000350 A1 19960601  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
Patent Assignee: BECTON DICKINSON CO  
Author (Inventor): WALKER GEORGE TERRANCE; NADEAU JAMES G  
Priority (No,Kind,Date): SG 9500274 A 19950418; US 229281 A  
19940418  
Applic (No,Kind,Date): SG 9500274 A 19950418  
IPC: \* C12Q  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: English  
Patent (No,Kind,Date): SG 3400216 A1 19961206  
FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION  
(English)  
Patent Assignee: BECTON DICKINSON CO  
Author (Inventor): LINN C PRESTON; WALKER GEORGE TERRANCE; NADEAU  
JAMES G  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): SG 9500275 A 19950418  
IPC: \* C12Q-001/68  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: English

UNITED STATES OF AMERICA (US)

Patent (No,Kind,Date): US 5547861 A 19960820  
DETECTION OF NUCLEIC ACID AMPLIFICATION (English)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): NADEAU JAMES G (US); WALKER GEORGE T (US)  
Priority (No,Kind,Date): US 229281 A 19940418  
Applic (No,Kind,Date): US 229281 A 19940418  
National Class: \* 435091200; 435005000; 435006000; 536024300  
IPC: \* C12P-019/34; C12Q-001/70; C12Q-001/68; C07H-021/04  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: English  
Patent (No,Kind,Date): US 5593867 A 19970114  
FLUORESCENCE POLARIZATION DETECTION OF NUCLEIC ACID AMPLIFICATION  
(English)  
Patent Assignee: BECTON DICKINSON CO (US)  
Author (Inventor): WALKER G TERRANCE (US); NADEAU JAMES G (US); LINN  
C PRESTON (US)  
Priority (No,Kind,Date): US 311474 A 19940923; US 229281 A2  
19940418  
Applic (No,Kind,Date): US 311474 A 19940923  
National Class: \* 435091200; 435006000; 935078000  
IPC: \* C12P-019/34; C12Q-001/68  
CA Abstract No: \* 124(01)002532C; 124(07)078682X; 126(13)167453G;  
126(13)167453G  
Derwent WPI Acc No: \* C 95-360099; C 95-360100  
Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No,Type,Date,Code,Text):  
US 5547861 P 19940418 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 229281 A 19940418

US 5547861 P 19940418 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
BECTON, DICKINSON AND COMPANY PATENT AND  
LICENSING DEPARTMENT 1 BECTON DRIVE FRA ;  
NADEAU, JAMES G. : 19940413; WALKER, GEORGE  
TERRANCE : 19940413

US 5547861 P 19960820 US A PATENT  
US 5547861 P 19980818 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
980520

US 5547861 P 19980922 US RF REISSUE APPLICATION FILED  
(REISSUE APPL. FILED)  
980520

US 5593867 P 19940418 US AA PRIORITY  
US 229281 A2 19940418

US 5593867 P 19940923 US AE APPLICATION DATA (PATENT)  
(APPL. DATA (PATENT))  
US 311474 A 19940923

US 5593867 P 19950120 US AS02 ASSIGNMENT OF ASSIGNOR'S  
INTEREST  
BECTON, DICKINSON AND COMPANY PATENT AND  
LICENSING DEPARTMENT 1 BECTON DRIVE FRA ;  
WALKER, G. TERRANCE : 19941104; NADEAU, JAMES  
G. : 19941104; LINN, C. PRESTON : 19941104

US 5593867 P 19970114 US A PATENT  
Patent (No,Kind,Date): AT 197071 E 20001115; AU 9515023 A1 19951026; AU  
9515019 A1 19960418; AU 685903 B2 19980129; AU 705637 B2 19990527; BR  
9501583 A 19951114; BR 9501582 A 19970916; CA 2145576 AA 19951019; CA  
2145719 AA 19951019; CA 2145576 C 19980630; CA 2145719 C 19980630; DE  
69519122 C0 20001123; DE 69519122 T2 20010322; EP 678581 A1 19951025; EP  
678582 A1 19951025; EP 678581 B1 20001018; ES 2152995 T3 20010216; JP  
7289299 A2 19951107; JP 8038199 A2 19960213; JP 2674737 B2 19971112; JP  
2757979 B2 19980525; KR 145908 B1 19980801; SG 3000350 A1 19960601; SG  
3400216 A1 19961206; US 5547861 A 19960820; US 5593867 A 19970114  
Patent Assignee: BECTON DICKINSON CO (US); BECTON DICKINSON CO  
Author (Inventor): WALKER GEORGE TERRANCE (US); NADEAU JAMES GREGORY (US);  
LINN CARL PRESTON (US); NADEAU JAMES G; WALKER GEORGE TERRANCE; LINN C  
PRESTON; NADEAU JAMES G (US); WALKER GEORGE T (US); LINN C PRESTON (US)  
; JIEEMUZU JII NADEYUU; JIYOOJI TERANSU UOOKAA; JEEMUZU JII NADEYUU;  
JOOJI TERANSU UOOKAA; WALKER G TERRANCE (US)  
Priority (No,Kind,Date): US 229281 A 19940418; US 311474 A 19940923; SG  
9500274 A 19950418; US 229281 A2 19940418  
Designated States: (National) AT; BE; CH; DE; ES; FR; GB; IT; LI; NL; SE  
Addnl Info: 678581 20001018 ; 678581 EP patent valid in AT  
Applic (No,Kind,Date): EP 95104930 A 19950403; AU 9515023 A 19950323; AU  
9515019 A 19950323; BR 95U1583 A 19950413; BR 95U1582 A 19950413; CA  
2145576 A 19950328; CA 2145719 A 19950328; DE 69519122 A 19950403;  
EP 95104931 A 19950403; ES 95104930 EP 19950403; JP 9592397 A  
19950418; JP 9592404 A 19950418; KR 959040 A 19950418; SG 9500274 A  
19950418; SG 9500275 A 19950418; US 229281 A 19940418; US 311474 A  
19940923  
IPC: C12Q-001/68; C12P-019/34; C12Q-001/70; C12Q; C12Q-001/68; G01N-033/58;  
C07H-021/00; C12N-015/10; C12P-019/34; C12Q-001/70; G01N-021/64;  
C12N-015/09; C12R-001-32; C07H-021/04  
National Class: 435091200; 435005000; 435006000; 536024300; 935078000  
CA Abstract No: 124(01)002532C; 124(07)078682X; 124(07)078682X;  
126(13)167453G; 124(01)002532C  
Derwent WPI Acc No: C 95-360099; C 95-360100; C 95-360099  
Language of Document: German; English; Portugese; Spanish; Japanese; Korean  
LANGUAGE OF TITLE: German; English; Portugese; French; Spanish  
Legal Status Patent No: AT 197071; BR 9501582; BR 9501583; DE 69519122; EP

678581; EP 678582; ES 2152995; US 5547861; US 5593867

Document Type: AT R; BR P; DE P; EP P; ES P; US P

Legal Status Date: 20001115; 20010315; 20020226; 20001123; 20010322;  
20011108; 19940418; 19940923; 19950403; 19951025; 19960508; 19990324;  
20001018; 20001031; 20001106; 20001124; 20010216; 20011004; 20000524;  
19960820; 19980818; 19980922; 19950120; 19970114

Legal Status Code: AT REF; AT UEP; BR FB34; DE REF; DE 8373; DE 8364; EP AA  
; EP AE; EP AK; EP A1; EP 17P; EP 17Q; EP B1; EP REF; CH EP/REG; EP ITF  
; EP ET; ES FG2A/REG; EP 26N; ES FG2A; US AE; US AS02; US A; US RF; US  
AA

Legal Status Text: CORRESPONDS TO EP-PATENT; PUBLICATION OF TRANSLATION OF  
EUROPEAN PATENT SPECIFICATION; GRANT PROCEDURE SUSPENDED ART.34 OF LPI;  
CORRESPONDS TO; TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS  
RECEIVED AND HAS BEEN PUBLISHED; NO OPPOSITION DURING TERM OF  
OPPOSITION; PRIORITY (PATENT APPLICATION); EP-APPLICATION; DESIGNATED  
CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT;; PUBLICATION  
OF APPLICATION WITH SEARCH REPORT; REQUEST FOR EXAMINATION FILED; FIRST  
EXAMINATION REPORT; DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT  
SPECIFICATION;; PATENT SPECIFICATION; IN AUSTRIA REGISTERED AS;; ENTRY  
IN THE NATIONAL PHASE; IT: TRANSLATION FOR A EP PATENT FILED;  
CORRESPONDS TO;; FR: TRANSLATION FILED; DEFINITIVE PROTECTION; NO  
OPPOSITION FILED; APPLICATION DATA (PATENT); ASSIGNMENT OF ASSIGNOR'S  
INTEREST; PATENT; REISSUE APPLICATION FILED; PRIORITY

Legal Status Text: (German) (ENTSPRICHT EP-PATENT); (UEBERSETZUNG DER  
EUROPAEISCHEN PATENTSCHRIFT AUSGEGEBEN); (EXIGENCIA ART. 34 DA LPI);  
(ENTSPRICHT); (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN  
PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN); (EINSPRUCHSFRIST  
ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE); (PRIORITAET  
(PATENTANMELDUNG)); (EUROPAEISCHE ANMELDUNG); (IN EINER ANMELDUNG  
BENANNTE VERTRAGSSTAATEN); (VEROEFFENTLICHUNG DER ANMELDUNG MIT  
RECHERCHENBERICHT); (PRUEFUNGSANTRAG GESTELLT); (ERSTER  
PRUEFUNGSBESCHIED); (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE  
VERTRAGSSTAATEN); (PATENTSCHRIFT); (IN AT EINGETRAGEN ALS:); (EINTRITT  
IN DIE NATIONALE PHASE); (IT: DEPOSITO TRADUZIONE DI BREVETTO EUROPEO);  
(FR: TRADUCTION A ETE REMISE); (PROTECCION DEFINITIVA); (KEIN EINSPRUCH  
EINGELEGT); (APPL. DATA (PATENT)); (REISSUE APPL. FILED)

Legal Status Addnl Text: AT BE CH DE ES FR GB IT LI NL SE; 960308; 990208;  
JACOBACCI & PERANI S.P.A.; 2152995T3; 20000410; 678581; BECTON,  
DICKINSON AND COMPANY PATENT AND LICENSING DEPARTMENT 1 BECTON DRIVE  
FRA ; NADEAU, JAMES G. : 19940413; WALKER, GEORGE TERRANCE : 19940413;  
980520; BECTON, DICKINSON AND COMPANY PATENT AND LICENSING DEPARTMENT 1  
BECTON DRIVE FRA ; WALKER, G. TERRANCE : 19941104; NADEAU, JAMES G. :  
19941104; LINN, C. PRESTON : 19941104

Legal Status Ref Patent: EP 678581 P 20001018; EP 678581 P 20001123; AT  
197071 R 20001115; DE 69519122 P 20001123

Legal Status Ref Applic: EP 95104930 A 19950403; EP 95104931 A 19950403;  
US 229281 A 19940418; US 311474 A 19940923

Legal Status Ref Priority: US 229281 A 19940418; US 311474 A 19940923; US  
229281 A2 19940418

No of Legal Status: 040

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\$1.82 0.378 DialUnits File345

\$10.55 1 Type(s) in Format 29

\$10.55 1 Types

\$12.37 Estimated cost File345

\$0.21 TELNET

\$12.58 Estimated cost this search

\$13.01 Estimated total session cost 0.458 DialUnits

Huang

PN 5,547,861

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**i**  
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Pat. No. 5,547,861, \*

**5,547,861**

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Aug. 20, 1996

Detection of nucleic acid amplification

**REISSUE:** Reissue Application filed May 20, 1998 (O.G. Sep. 22, 1998) Ex. Gp.: 1635; Re. S.N. 09/082,247

Reissue Application filed May 20, 1998 (O.G. Aug. 18, 1998) Ex. Gp.: 1807; Re. S.N. 09/082,247

**CORE TERMS:** sequence, target, secondary, dna, detection, site, nucleotide, strand, endonuclease, stranded...

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- ☐ 1. [Canada NewsWire](#), May 29, 2001, Tuesday, FINANCIAL NEWS, 3432 words, Belzberg reports record first quarter revenue; New UK office and Options ECN herald strong growth going forward TSE SYMBOL: BLZ, TORONTO, May 29, BC-Belzberg-Q1-results;  
... DURING THE PERIOD 3,468,243 **5,547,861** CASH (BANK INDEBTEDNESS), ...
- ☐ 2. [PR Newswire](#), May 29, 2001, Tuesday, FINANCIAL NEWS, 3374 words, Belzberg reports record first quarter revenue; New UK office and Options ECN herald strong growth going forward; TSE SYMBOL: BLZ, TORONTO, May 29  
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- ☐ 4. [Business Wire](#), June 1, 2000, Thursday, 1871 words, Belzberg Reports Record Revenues for 1st Quarter 2000: Company Continues to Experience Strong Growth, TORONTO, June 1, 2000  
... IN CASH POSITION **5,547,861** (185,104) CASH AND CASH ...
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... CHANGE IN CASH POSITION **5,547,861** (185,104)

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